

United States Patent [19]

Cale et al.

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[54] SOLUBLE COFFEE WITH AROMA
RECOVERED FROM THE THERMAL
HYDROLYSIS OF SPENT GROUNDS

[75] Inventors: Kenneth W. Cale, Marlboro, N.J.;
Naoto Imura, Yokkaichi, Japan;
George A. Jasovsky, Bayonne, N.J.;
Saul N. Katz, Monsey, N.Y.

[73] Assignee: Kraft General Foods, Inc., Glenview,
Ill.

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426/422

[58] Field of Search 426/594, 650, 386, 387,
426/422, 432

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Primary Examiner—Joseph Golian

Attorney, Agent, or Firm—Thomas A. Marcoux

[57] ABSTRACT

The present invention relates to a process to recover
beneficial coffee volatiles such as diacetyl and acetalde-
hyde from an aroma stream generated by the thermal
hydrolysis of spent grounds. The aroma stream is passed
over a bed of a non-polar microporous adsorbent and
effluent is collected until breakthrough of furfural is
detected. The invention also relates to the composition
of the recovered/purified coffee aroma and to soluble
coffee products containing the coffee aroma.

3 Claims, No Drawings